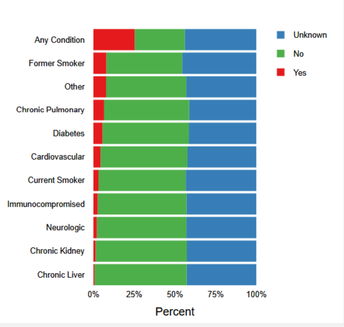
Cases are interviewed by public health to determine what potential medical risk factors they may have had prior to getting COVID-19. This is not a complete list of conditions and rates may change as public health collects more data and performs additional analysis. Examples of persons with compromised immune systems include those with cancer and transplant patients who are taking certain immunosuppressive drugs, persons with HIV/AIDS, and those with inherited diseases that affect the immune system. Examples of persons with chronic pulmonary conditions include those with uncontrolled asthma or COPD.

Pre-Existing Conditions of All Cases

Pre-Existing Condition	Yes	No	Unknown	Percent with Condition, Excluding Unknowns
Any Condition	1585	1921	2745	45.2%
Former Smoker	496	2917	2838	14.5%
Other	487	3077	2687	13.7%
Chronic Pulmonary	411	3265	2575	11.2%
Diabetes	348	3312	2591	9.5%
Cardiovascular	273	3335	2643	7.6%
Current Smoker	197	3345	2709	5.6%
Immunocompromised	165	3404	2682	4.6%
Neurologic	134	3431	2686	3.8%
Chronic Kidney	83	3502	2666	2.3%
Chronic Liver	43	3535	2673	1.2%

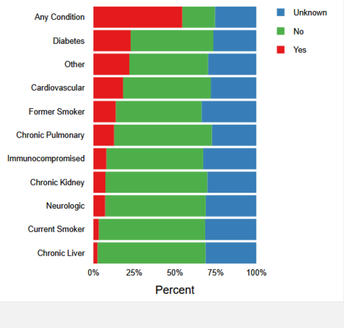
Pre-Existing Conditions of All Cases (tooltip shows the percent among all cases, including unknowns)



Pre-Existing Conditions of Hospitalized Cases

Pre-Existing Condition	Yes	No	Unknown	Percent with Condition, Excluding Unknowns
Any Condition	279	103	130	73%
Diabetes	117	260	135	31%
Other	113	247	152	31.4%
Cardiovascular	93	276	143	25.2%
Former Smoker	70	270	172	20.6%
Chronic Pulmonary	65	307	140	17.5%
Immunocompromised	41	304	167	11.9%
Chronic Kidney	38	320	154	10.6%
Neurologic	37	316	159	10.5%
Current Smoker	17	334	161	4.8%
Chronic Liver	13	339	160	3.7%

Pre-Existing Conditions of Hospitalized Cases (tooltip shows the percent among all cases, including unknowns)

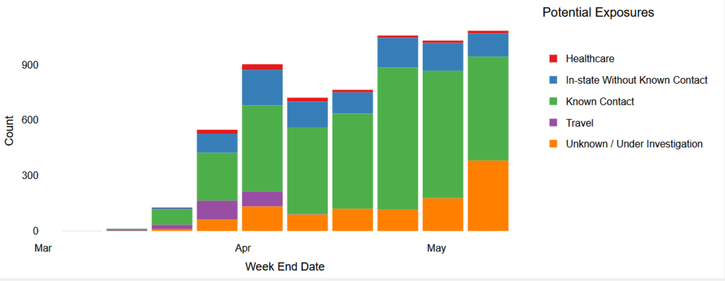


Potential Exposures

Exposures are determined through LHD and UDOH case investigations. Each case is mapped to a single "primary exposure". Please note that some cases have multiple potential exposures, so cases are mapped to exposures in the following order: 1) Known close contact to a confirmed case, 2) Travel in the past 14 days, 3) Healthcare (either through being a healthcare worker, patient, or visitor in a healthcare setting), 4) In-state transmission with no known contacts, 5) Under investigation. In-state transmission with no known contacts is defined as a patient with no known out of state travel, close contacts, or healthcare exposures. These exposures are commonly referred to as community spread or community transmission.

Known exposures are further broken down by type (green pie chart). "Social" refers to exposures between friends and acquaintances; "Other" refers to known contact with a lab confirmed case outside of home, work, and social settings; "Unspecified" is known contact to a confirmed case but without enough information to determine the setting of that exposure. Exposure categories are not all encompassing and may change as public health collects more data and updates analysis.

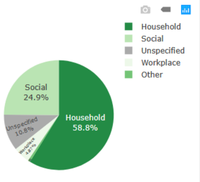
Primary Exposures by Week



Primary Investigated Exposures

Exposure	Count	Percent
Healthcare	127	2%
In-state Without Known Contact	998	16%
Known Contact	3821	61.1%
Travel	213	3.4%
Unknown / Under Investigation	1092	17.5%

Type of Known Contact

Known Contact Type	Count	Percent
Household	2248	58.8%
Other	25	0.7%
Social	951	24.9%
Unspecified	411	10.8%
Workplace	186	4.9%

Type of Known Contact